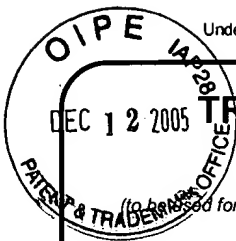


ITW



TRANSMITTAL FORM

(Use this form for all correspondence after initial filing)

| | | | |
|--|----|------------------------|-----------------|
| | | Application Number | 09/866,949 |
| | | Filing Date | May 29, 2001 |
| | | First Named Inventor | Paul Docherty |
| | | Art Unit | 2675 |
| | | Examiner Name | Wallace, Scott |
| Total Number of Pages in This Submission | 13 | Attorney Docket Number | 021120.0032.000 |

ENCLOSURES (check all that apply)

| | | |
|--|---|---|
| <input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input checked="" type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <p style="text-align: center;">Postcard</p> |
| <div style="border: 1px solid black; padding: 5px; min-height: 100px;"> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Remarks</div> </div> | | |

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | | | |
|-------------------------|--|--|--|
| Firm or Individual name | Mark A. Tidwell, Reg. No. 47456 JACKSON WALKER L.L.P., 112 E Pecan Street, Suite 2100, San Antonio, Texas 78205 | | |
| Signature | | | |
| Date | December 8, 2005 | | |

CERTIFICATE OF MAILING

| | | | |
|---|---------------|------|------------------|
| I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. | | | |
| Typed or printed name | Renee Treider | | |
| Signature | | Date | December 8, 2005 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Paul Docherty

Serial No. 09/866,949

Filed: May 29, 2001

For: VISUALIZATION METHOD FOR
THE ANALYSIS OF PRESTACK
AND POSTSTACK SEISMIC DATA

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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Attorney Docket No. 021120.0032.000

Group Art Unit: 2675

Examiner: Wallace, Scott A.

CERTIFICATE OF FIRST CLASS MAILING

37 C.F.R. §1.8(a)

I hereby certify that this document and its attachments are being deposited with the United States Postal Service as First Class Mail to Addressee Service, in an envelope addressed, Mail Stop REPLACEMENT DRAWINGS/NO FEE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date below:

December 8, 2005
Date


Signature

LETTER TO OFFICIAL DRAFTSMAN

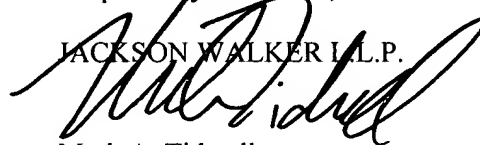
Dear Sir:

In response to the Notice Regarding Drawings and Notice of Draftsperson's Patent Drawing Review (PTO-948) mailed October 12, 2005 (copies enclosed), attached herewith are nine (9) sheets of replacement drawings regarding the above-captioned application.

Authorization is hereby given to charge Deposit Account No. 10-0096 for any fees associated herewith.

Respectfully submitted,

JACKSON WALKER L.L.P.



Mark A. Tidwell
Attorney for Applicant
Reg. No. 37,456

Jackson Walker L.L.P.
112 E. Pecan Street, Suite 2100
San Antonio, Texas 78205
713-752-4578 Phone
713-752-4221 Fax



COPY RECEIVED

OCT 17 2005

UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

Jackson Walker LLP.

| APPLICATION NUMBER | 2035 FILING DATE | FIRST NAME APPLICANT | ATTORNEY DOCKET NUMBER |
|--------------------|------------------|----------------------|------------------------|
| 09/866949 | 05/29/2001 | Paul Docherty | 028762-000066 |

021120.32.000

Jackson Walker LLP
1401 McKinney Street Suite 1900
Houston TX 77010

Examiner: Wallace, Scott

Art Unit
2675

Sheet No.

Date Mailed: October 12, 2005

*Response due: 12/12/05
(not extendable)*

Notice Regarding Drawings

Corrected drawings for the above-identified application, received in the USPTO on **May 29, 2001** still not acceptable for the reason(s) identified on the attached PTO-948. Applicant is given one opportunity to correct the informalities within a two-month time period from the mailing date of this Notice. **THIS TIME PERIOD IS NOT EXTENDABLE UNDER EITHER 37 CFR 1.136(a) OR 1.136(b).** Failure to take corrective action within the set period will result in abandonment of the application.

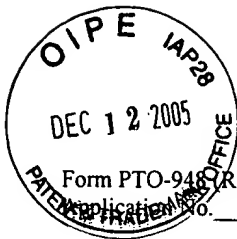
ATTACHMENT: PTO-948 Notice of Draftsperson's Patent Review

RETURN CORRECTED DRAWINGS TO:

Commissioner for Patents

P.O. Box 1450

Alexandria, Virginia 22313-1450



Form PTO-946 (Rev. 06/03)

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

COPY

The drawing(s) filed (insert date) 5/29/01 are:

- A. ☒ approved by the Draftsperson under 37 CFR 1.84 or 1.152.
B. ☐ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. Corrected drawings are required.

1. **DRAWINGS.** 37 CFR 1.84(a): Acceptable categories of drawings: Black ink or Color (3 sets required).

- ☐ Color drawings are not acceptable until petition is granted. Fig(s) _____
☐ Pencil and non black ink not permitted. Fig(s) _____

2. **PHOTOGRAPHS.** 37 CFR 1.84(b)

- ☐ One (1) full-tone set is required. Fig(s) _____
☐ Photographs may not be mounted. 37 CFR 1.84(e)
☐ Photographs must meet paper size requirements of 37 CFR 1.84(f). Fig(s) _____
☐ Poor quality (half-tone). Fig(s) _____

3. **TYPE OF PAPER.** 37 CFR 1.84(e)

- ☐ Paper not flexible, strong, white, and durable. Fig(s) _____
☐ Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) _____

4. **SIZE OF PAPER.** 37 CFR 1.84(f): Acceptable sizes:

- ☐ 21.0 cm by 29.7 cm (DIN size A4) or
☐ 21.6 cm by 27.9 cm (8 1/2 x 11 inches)
☐ All drawing sheets not the same size. Sheet(s) _____

☐ Drawings sheets not an acceptable size. Fig(s) _____

5. **MARGINS.** 37 CFR 1.84(g): Acceptable margins:

Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm

☐ Margins not acceptable. Fig(s) _____

☐ Top (T) ☐ Left (L)
☐ Right (R) ☐ Bottom (B)

6. **VIEWS.** 37 CFR 1.84(h)

REMINDER: Specification may require revision to correspond to drawing changes, e.g., if Fig. 1 is changed to Fig. 1A, Fig. 1B and Fig. 1C, etc., the specification, at the Brief Description of the Drawings, must likewise be changed.

☐ Views not labeled separately or properly. Fig(s) _____

7. **SECTIONAL VIEWS.** 37 CFR 1.84(h)(3)

☐ Sectional designation should be noted with Arabic or Roman numbers. Fig(s) _____

8. **ARRANGEMENT OF VIEWS.** 37 CFR 1.84(i)

☐ Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) _____

9. **SCALE.** 37 CFR 1.84(k)

☐ Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) _____

10. **CHARACTER OF LINES, NUMBERS, & LETTERS.** 37 CFR 1.84(l)

☒ Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) 1-9

11. **SHADING.** 37 CFR 1.84(m)

☒ Solid black areas pale. Fig(s) _____
☒ Solid black shading not permitted. Fig(s) 1, 2, 4-9

12. **NUMBERS, LETTERS, & REFERENCE CHARACTERS.** 37 CFR 1.84(p)

- ☒ Numbers and reference characters not plain and legible. Fig(s) 1-9
☐ Figure legends are poor. Fig(s) _____
☐ Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Fig(s) _____
☐ English alphabet not used. 37 CFR 1.84(p)(2) Fig(s) _____
☐ Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3). Fig(s) _____

13. **LEAD LINES.** 37 CFR 1.84(q)

☒ Lead lines missing. Fig(s) 1-9

14. **NUMBERING OF SHEETS OF DRAWINGS.**

37 CFR 1.84(t)

☐ Sheets not numbered consecutively, and in Arabic numbers beginning with number 1. Sheet(s) _____

15. **NUMBERING OF VIEWS.** 37 CFR 1.84(u)

☐ Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____

16. **DESIGN DRAWINGS.** 37 CFR 1.152

- ☐ Surface shading shown not appropriate. Fig(s) _____
☐ Solid black surface shading is not permitted except when used to represent the color black as well as color contrast. Fig(s) _____

COMMENTS:

Improper shading dr (Fig 1-2, 4-9)
Data obscured by shading dr (Fig 2, 9)
Fig legend titles dr (Fig 4, 6-9)

Reviewer WJ

If you have questions, call (703) 305-8404.

Date 10/12/05

Attachment to Paper No. _____